

WHAT IS CLAIMED IS:

1. A mounting assembly for mounting a camera to a support structure, the camera having a camera body and a lens, said assembly comprising:
  - a first bracket being fixable relative to the camera body wherein said first bracket supports the camera;
  - a second bracket supportingly engaging said first bracket, said first bracket being rotatable about a first axis relative to said second bracket;
  - a third bracket supportingly engaging said second bracket, said second bracket being rotatable about a second axis relative to said third bracket, said first and second axes being substantially mutually perpendicular, said third bracket being supportingly securable to the support structure wherein said third bracket is rotatable about a third axis relative to the support structure, said second and third axes being substantially mutually perpendicular; and
  - wherein at least two of said first, second and third brackets are relatively translatable along a substantially linear length and wherein said first, second and third brackets are securable relative to said support structure whereby the camera may be fixedly mounted in a selected position.
2. The mounting assembly of claim 1 wherein said second bracket is linearly translatable relative to said third bracket.
3. The mounting assembly of claim 1 further comprising a substantially hemispherical dome, the camera being mountable within said dome, said dome being substantially transparent when viewing outwardly from a position within said dome, said dome being substantially opaque when viewed from a position external to said dome.
4. The mounting assembly of claim 1 wherein said second bracket defines a first linear slot and a second linear slot, said second and third brackets being engaged together by first and second fasteners, said first fastener extending through said first slot and said second fastener extending through said second slot wherein said first and second fasteners define said second axis and wherein said first and second fasteners are slidable in said first and second slots respectively.
5. The mounting assembly of claim 1 wherein said second bracket defines at least one arcuate slot and said assembly further includes a fastener extending through said slot

and engaging said first bracket, wherein repositioning said fastener in said arcuate slot rotates said first bracket relative to said second bracket about said first axis.

6. The mounting assembly of claim 5 wherein said second bracket defines a first linear slot and a second linear slot, said second and third brackets being engaged together by first and second fasteners, said first fastener extending through said first slot and said second fastener extending through said second slot wherein said first and second fasteners define said second axis and wherein said first and second fasteners are slidable in said first and second slots respectively.

7. The mounting assembly of claim 1 wherein said third bracket is pivotally mounted to the support structure with a fastener, said fastener defining said third axis.

8. The mounting assembly of claim 1 wherein said second bracket defines a first linear slot and a second linear slot, said second and third brackets being engaged together by first and second fasteners, said first fastener extending through said first slot and said second fastener extending through said second slot wherein said first and second fasteners define said second axis and wherein said first and second fasteners are slidable in said first and second slots respectively;

said third bracket being pivotally mounted to the support structure with a third fastener, said third fastener defining said third axis; and

said second bracket defining at least one arcuate slot, a fourth fastener extending through said arcuate slot and engaging said first bracket wherein repositioning said fourth fastener in said arcuate slot rotates said first bracket relative to said second bracket about said first axis.

9. The mounting assembly of claim 1 wherein at least one of said first and second brackets define an arcuate slot and a fastener extends through said arcuate slot to define the relative rotational movement between said first and second brackets and secure said first and second brackets together in a desired relative position.

10. The mounting assembly of claim 9 wherein said first and second brackets further define a central opening through which the lens of the camera is insertable and wherein said arcuate slot is a circular arc centered on said central opening.

11. A surveillance camera assembly mountable to a support structure, said assembly comprising:

a surveillance camera having a camera body and a lens wherein said lens defines a camera axis;

a first bracket, said first bracket and camera body being relatively affixed wherein said first bracket supports said camera;

a second bracket supportingly engaging said first bracket, said first bracket being rotatable about a first axis relative to said second bracket, said first axis being collinear with said camera axis;

a third bracket supportingly engaging said second bracket, said second bracket being rotatable about a second axis relative to said third bracket, said first and second axes being substantially mutually perpendicular, said third bracket being supportingly securable to the support structure wherein said third bracket is rotatable about a third axis relative to the support structure, said second and third axes being substantially mutually perpendicular; and

wherein at least two of said first, second and third brackets are relatively translatable along a substantially linear length and wherein said first, second and third brackets are securable relative to said support structure whereby said camera may be fixedly mounted in a selected position relative to the support structure.

12. The camera assembly of claim 11 wherein said first bracket is directly secured to said camera body.

13. The camera assembly of claim 11 wherein said second bracket is linearly translatable relative to said third bracket.

14. The camera assembly of claim 11 further comprising a substantially hemispherical dome, said camera being mountable within said dome, said dome being substantially transparent when viewing outwardly from a position within said dome, said dome being substantially opaque when viewed from a position external to said dome.

15. The camera assembly of claim 11 wherein said second bracket defines a first linear slot and a second linear slot, said second and third brackets being engaged together by first and second fasteners, said first fastener extending through said first slot and said second fastener extending through said second slot wherein said first and second fasteners define said second axis and wherein said first and second fasteners are slidable in said first and second slots respectively.

16. The camera assembly of claim 11 wherein said second bracket defines at least one arcuate slot and said assembly further includes a fastener extending through said slot and engaging said first bracket, wherein repositioning said fastener in said arcuate slot rotates said first bracket relative to said second bracket about said first axis.

17. The camera assembly of claim 16 wherein said second bracket defines a first linear slot and a second linear slot, said second and third brackets being engaged together by first and second fasteners, said first fastener extending through said first slot and said second fastener extending through said second slot wherein said first and second fasteners define said second axis and wherein said first and second fasteners are slidable in said first and second slots respectively.

18. The camera assembly of claim 11 wherein said third bracket is pivotally mounted to the support structure with a fastener, said fastener defining said third axis.

19. The camera assembly of claim 11 wherein said second bracket defines a first linear slot and a second linear slot, said second and third brackets being engaged together by first and second fasteners, said first fastener extending through said first slot and said second fastener extending through said second slot wherein said first and second fasteners define said second axis and wherein said first and second fasteners are slidable in said first and second slots respectively;

said third bracket being pivotally mounted to the support structure with a third fastener, said third fastener defining said third axis; and

said second bracket defining at least one arcuate slot, a fourth fastener extending through said arcuate slot and engaging said first bracket wherein repositioning said fourth fastener in said arcuate slot rotates said first bracket relative to said second bracket about said first axis.

20. The camera assembly of claim 11 wherein at least one of said first and second brackets define an arcuate slot and a fastener extends through said arcuate slot to define the relative rotational movement between said first and second brackets and secure said first and second brackets together in a desired relative position.

21. The camera assembly of claim 20 wherein said first and second brackets further define a central opening through which said lens of said camera extends and wherein said arcuate slot is a circular arc centered on said central opening.

22. A method of mounting a camera, said method comprising:  
providing a mounting assembly having a first bracket, a second bracket and a third bracket wherein said brackets are relatively moveable;  
securing the camera to the first bracket;  
securing the third bracket to a support structure and wherein the second bracket supportingly couples the first and third brackets;  
independently selecting a rotational position of the camera about a first axis, a second axis and a third axis, said first, second and third axes being substantially mutually perpendicular;  
selecting a translational position of the camera;  
securing the camera in the selected rotational positions about said first, second and third axes and in the selected translational position.

23. The method of claim 22 wherein selecting the rotational position of the camera about the first axis comprises rotating first bracket relative to the second bracket.

24. The method of claim 22 wherein selecting the rotational position of the camera about the second axis comprises rotating the second bracket relative to the third bracket.

25. The method of claim 22 wherein selecting the rotational position of the camera about the third axis comprises rotating the third bracket relative to the support structure.

26. The method of claim 22 wherein selecting the translational position of the camera comprises sliding the second bracket relative to the third bracket.

27. The method of claim 22 wherein selecting the rotational position of the camera about the first axis comprises rotating first bracket relative to the second bracket;  
wherein selecting the rotational position of the camera about the second axis comprises rotating the second bracket relative to the third bracket; and  
wherein selecting the rotational position of the camera about the third axis comprises rotating the third bracket relative to the support structure.

28. The method of claim 27 wherein selecting the translational position of the camera comprises sliding the second bracket relative to the third bracket.

29. The method of claim 22 further comprising manufacturing the first, second and third brackets from sheet material.

30. The method of claim 22 wherein the position of the camera is selected to position a gaming table in the field of view of the camera at a desired orientation.